

# ULTRA1000™ CLASS 50 | SILICONE SEALANT



## PRODUCT SPECIFICATIONS

Material: Polysiloxanes - Oxime Cured, 100% Silicone Sealant Class 50 Sealant  
 Tubes per Carton: 12  
 Coverage: 10.3 fl oz. - 1/4" bead - 28 linear feet per tube  
 Specifications: Meets or exceeds ASTM C-920, TT-S-001543A  
 Odor: None  
 Weight per Gallon: 10.2 lbs.  
 Solids: 97%  
 Water Resistance: Good (Do not submerge)  
 Exterior Weathering: Excellent  
 Application Temperature: 0°F to + 120°F  
 VOC: 29g/L (Ultra Low VOC's)  
 Shelf life: Use product within 18 months from manufacturer's date.  
 FREEZE THAW STABLE. Store product at 40°F to 80°F.

Physical Property	Test Method	Typical Value
Specific Gravity		1.00 - 1.25
Tensile Strength	ASTM D412	140 - 200 psi
Elongation	ASTM D412	500 - 650%
Tear Resistance	ASTM D 624	30 - 35 Pli
Shore Hardness	ASTM D 2240	22 ± 8
Service Temperature		-40°F to +400°F
Join Sealant Designation	ASTM C920	Type S, Grade NS, Class 50, Use NT, M, G, A, O
<sup>1</sup> Adhesion	ASTM D 903	Glass: 12 - 15 pli Aluminum: 10 - 14 pli Vinyl: 12 - 15 pli
<sup>1</sup> Adhesion and Cohesion	ASTM C719	Tested on Galvalume and Kynar Coated Steel
<sup>1</sup> Adhesion-in-Peel, 2 inches/minute @ 25°C, N (lbf)	ASTM C794	Tested on Galvalume and Kynar Coated Steel
<sup>1</sup> Percent Weight Loss During Heat Aging @ 70° C, %	ASTM C1246	4.0%
<sup>1</sup> Tack Free Time of Elastometric Sealants @ 25° C, minutes	ASTM C 679	55 minutes
<sup>1</sup> Visual Inspection of Sample Post Heat Aging @ 70° C	ASTM 1246	rating 0; no cracking or crazing

1: MTI Test Report AX03K1A

\*The values outlines reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

## INSTALLATION TIPS



Air, caulk and surface temperature should be above 20°F. Not for continuous submersion or use below the waterline.

- Do not install below 0°F surface temperature.
- Do not install above 120°F surface temperature.
- Do not install on frost-laden or wet surfaces.
- Do not install where joints are completely sealed.
- Can not be painted.

40° F at 40% humidity	<u>Skin Time</u>	<u>Cure Time</u>
75° F at 50% humidity	40 minutes	2 - 3 days
95° F at 95% humidity	10 minutes	< 24 hours
	5 minutes	

CAUTION!: Avoid contact with eyes and skin. Wash hands after using. KEEP OUT OF REACH OF CHILDREN First Aid: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. WARNING: Eye and skin irritant! Do not swallow. Do not allow eye contact or prolonged skin contact. SEEK IMMEDIATE MEDICAL ATTENTION. Additional information please refer to MSDS.

## CLEAN UP

Clean tools with toluene or mineral spirits before it dries. After setting, excess sealant must be cut or scraped away.

DISCLAIMER: ALL DATA AND SPECIFICATIONS ARE BASED ON LABORATORY TESTS. APPROPRIATE SAFETY FACTORS SHOULD BE USED BY THE USER OR SPECIFIER. DETERMINING THE PROPER FASTENER IS THE RESPONSIBILITY OF THE USER OR SPECIFIER. BECAUSE APPLICATION CONDITIONS VARY, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.

Limited Warranty: Satisfaction guaranteed when handled and applied according to label

Visit our website for our full line of fasteners, tools, sealants and accessories!

